



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Panel feed-through terminal block - PWO 16-POT/S - 1705654


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Panel feed-through terminal block, Connection method: Push-in spring connection, Cable lug connection, Number of positions: 1, Load current : 76 A, Cross section: 1.5 mm² - 16 mm², AWG 14 - 4, Width: 12.1 mm, Color: gray



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 790857
GTIN	4046356790857
Weight per Piece (excluding packing)	29.200 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	76 A
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

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Technical data

General

Ambient temperature (operation)	-40 °C (Depending on the current carrying capacity/derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (actuation)	-5 °C ... 100 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	76 A
Maximum load current	76 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	1

Dimensions

Width	12.1 mm
Plate thickness	1 mm ... 6 mm

Connection data

Connection side	Outside
Connection method	Push-in spring connection
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Stripping length	18 mm
Connection side	Inside
Connection method	Cable lug connection

Standards and Regulations

Connection in acc. with standard	UL
	IEC 60947-7-1

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Approvals


Approvals


Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm ² /AWG/kcmil	14-4	14-4	
Nominal current I _N	66 A	66 A	
Nominal voltage U _N	600 V	600 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40039989
mm ² /AWG/kcmil	1.5-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

EAC		B.01742
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